DEBUGGING CONTEST

Description:
Your mind is organised to make sense out of poor quality, poorly perceived, and poorly organised input. This hurts badly during debugging, because you tend to read a code in such a way that you see what it should say, rather than what it actually says. Because the compiler has not even an approximation to a human mind, it processes code strictly according to what it actually says, and so (of course) what the program actually does is dictated by what the code actually says, not what it should say. The event focuses on the skill of coding out the bugs present in the given code.

No of participants or Team size: 1-2(max)

Requirements:
All the equipment would be provided by the college.
- Scribbling Pad
- A4 Sheets
- Computer System

Event format:

Round 1:
- 60 MCQs each containing 4 options are given to the participant, among which exactly one option will be the correct one.
- Questions include concepts of C, C++.
- Each question carries one mark each and no negative marking for wrongly attempted answers.
- Top 25 teams will be chosen for participating in the Round2.

Round 2:
- 8 problems will be provided to the participant.
- Code for every problem is also given to the participant.
- The given code might have some bugs or also logical errors or may be missing out some corner cases.
- Participant is not supposed to change the entire logic of the code, but have to find these loopholes while retaining the idea of the original method.
- Your submission would be required to pass certain test cases (sample and private).
• Code should have a minimum possible number of changes. A code with more than a certain percentage of change won’t be accepted.
• We will be using edit distance algorithm to decide up to what extent you’ve changed the code.
• Tie will be broken using the time of submission
• A time limit of 90 minutes is given to solve the problems.

Rules :
• Time limit is to be followed strictly.
• Participant must be able to be in the top 25 to get a chance to participate in Round2.
• Organizers’ decision stands the final one.
• Further rules (if any) are given prior the event start.

Judging Criteria :
• In Round 1, 1 point will be awarded for each correct choice.
• In Round 2 the problem statements must pass all the test cases mentioned in the problem.
• In case of partial execution of the test cases, respective score corresponding to the test cases will be awarded.
• In case of any tie, time of submission and scores of the previous rounds will be taken into consideration.

Prizes: Rs.2000/-